

Pipeline and Hazardous Materials Safety Admin., DOT

§ 179.201-1

safety relief valves or safety vents, shall be in place when test is made.

(b) Insulated tanks shall be tested before insulation is applied.

(c) Rubber-lined tanks shall be tested before rubber lining is applied.

(d) Caulking of welded joints to stop leaks developed during the foregoing tests is prohibited. Repairs in welded joints shall be made as prescribed in AAR Specifications for Tank Cars, appendix W (IBR, see §171.7 of this subchapter).

[29 FR 18995, Dec. 29, 1964, as amended at 68 FR 75762, Dec. 31, 2003]

§ 179.200-23 Tests of pressure relief valves.

(a) Each valve shall be tested by air or gas for compliance with §179.15 before being put into service.

(b) [Reserved]

[29 FR 18995, Dec. 29, 1964. Redesignated at 32 FR 5606, Apr. 5, 1967, as amended at 62 FR 51561, Oct. 1, 1997]

§ 179.200-24 Stamping.

(a) To certify that the tank complies with all specification requirements,

each tank shall be plainly and permanently stamped in letters and figures at least $\frac{3}{8}$ inch high into the metal near the center of both outside heads as follows:

| | Example of required stamping |
|--|------------------------------|
| Specification | DOT-111A |
| Material | ASTM A 516-GR 70 |
| Cladding material (if any) | ASTM A240-304 Clad |
| Tank builder's initials | ABC |
| Date of original test | 00-0000 |
| Car assembler (if other than tank builder) | DEF |

(b) On Class DOT-111 tank cars, the last numeral of the specification number may be omitted from the stamping; for example, DOT-111A100W.

[29 FR 18995, Dec. 29, 1964. Redesignated at 32 FR 5606, Apr. 5, 1967, and amended by Amdt. 179-10, 36 FR 21351, Nov. 6, 1971; Amdt. 179-52, 61 FR 28680, June 5, 1996; 68 FR 48571, Aug. 14, 2003]

§ 179.201 Individual specification requirements applicable to non-pressure tank car tanks.

§ 179.201-1 Individual specification requirements.

In addition to §179.200, the individual specification requirements are as follows:

| DOT Specification ¹ | Insulation | Bursting pressure (psig) | Minimum plate thickness (inches) | Test pressure (psig) | Bottom outlet | Bottom washout | References (179.201 - ***) |
|--------------------------------|-----------------------|--------------------------|----------------------------------|----------------------|----------------|----------------|----------------------------|
| 111A60ALW1 ... | Optional | 240 | $\frac{1}{2}$ | 60 | Optional | Optional | 6(a). |
| 111A60ALW2 ... | Optional | 240 | $\frac{1}{2}$ | 60 | No | Optional | |
| 111A60W1 | Optional | 240 | $\frac{7}{16}$ | 60 | Optional | Optional | 6(a). |
| 111A60W2 | Optional | 240 | $\frac{7}{16}$ | 60 | No | Optional | |
| 111A60W5 | Optional | 240 | $\frac{7}{16}$ | 60 | No | No | 3, 6(b). |
| 111A60W6 | Optional | 240 | $\frac{7}{16}$ | 60 | Optional | Optional | 4, 5, 6(a), 6(c). |
| 111A60W7 | Optional | 240 | $\frac{7}{16}$ | 60 | No | No | 4, 5, 6(a). |
| 111A100ALW1 | Optional | 500 | $\frac{5}{8}$ | 100 | Optional | Optional | 6(a). |
| 111A100ALW2 | Optional | 500 | $\frac{5}{8}$ | 100 | No | Optional | |
| 111A100W1 | Optional | 500 | $\frac{7}{16}$ | 100 | Optional | Optional | 6(a). |
| 111A100W2 | Optional | 500 | $\frac{7}{16}$ | 100 | No | Optional | |
| 111A100W3 | Yes | 500 | $\frac{7}{16}$ | 100 | Optional | Optional | 6(a). |
| 111A100W4 | Yes (see 179.201-11). | 500 | $\frac{7}{16}$ | 100 | No | No | 6(a), 8, 10. |
| 111A100W5 | Optional | 500 | $\frac{7}{16}$ | 100 | No | No | 3. |
| 111A100W6 | Optional | 500 | $\frac{7}{16}$ | 100 | Optional | Optional | 4, 5, 6(a) and 6(c). |
| 111A100W7 | Optional | 500 | $\frac{7}{16}$ | 100 | No | No | 4, 5, 6(c). |

¹Tanks marked "ALW" are constructed from aluminum alloy plate; "AN" nickel plate; "CW," "DW," "EW," "W6," and "W7" high alloy steel or manganese-molybdenum steel plate; and those marked "BW" or "W5" must have an interior lining that conforms to § 179.201-3.

[Amdt. 179-52, 61 FR 28680, June 5, 1996, as amended by 66 FR 45390, Aug. 28, 2001; 68 FR 48571, Aug. 14, 2003]